

INFORMATION TECHNOLOGY MANAGEMENT, MS: AI AND DATA ANALYTICS

The Master of Science in Information Technology Management (ITM) program at the Lubar School of Business is an innovative, STEM-designated program that combines technical, managerial, and business knowledge - providing students with a unique blend of skills to address IT challenges in today's dynamic business environment.

Through a combination of rigorous core courses and advanced elective courses, students acquire a diverse skill set in information technology management and develop specialized knowledge and expertise in areas such as enterprise resource planning, business analytics, and security and risk management.

The program is designed to serve both individuals pursuing a change in career, as well as IT professionals desiring greater in-depth knowledge to advance in their careers. In addition, it will prepare students who seek admission to a PhD program. The program can be completed within one to three years, depending upon part-time or full-time enrollment status.

The Graduate Concentration in AI and Data Analytics provides the knowledge needed by professionals working in corporate, non-profit, government, and institutions. The program provides students the ability to research complex topics and to present their conclusions. Courses focus on identifying issues and providing solutions.

Admission Requirements

Application Deadlines

Application deadlines vary by program, please review the application deadline chart (<http://uwm.edu/graduateschool/program-deadlines/>) for specific programs. Other important dates and deadlines can be found by using the One Stop calendars (<https://uwm.edu/onestop/dates-and-deadlines/>).

Admission

An applicant must meet Graduate School requirements plus these departmental requirements to be considered for admission to the program:

1. Submission of scores on the Graduate Management Admission Test (GMAT) (<http://uwm.edu/graduateschool/admission/#gmat>).
2. Review by the MS-ITA Program Committee to assess academic achievement and the ability to do intensive graduate-level work.

Credits and Courses

The MS in ITM degree is a 30-credit program and includes 15 Required credits and 15 Elective credits.

Code	Title	Credits
Required		15
BUS ADM 743	Information Privacy, Security & Continuity	
BUS ADM 744	Information Technology Strategy and Management	
BUS ADM 747	Service-Oriented Analysis and Design ¹	
BUS ADM 749	Data and Information Management	

BUS ADM 810	Development of Web-Based Solutions	
Total Credits		15

¹ Integrating Course

AI and Data Analytics Concentration

Code	Title	Credits
Choose five courses from the list below:		15
BUS ADM 741	Web Mining and Analytics	
BUS ADM 742	Big Data in Business	
BUS ADM 745	Artificial Intelligence for Business	
BUS ADM 812	Machine Learning for Business	
BUS ADM 813	Social Media Analytics for Business	
BUS ADM 816	Business Intelligence Technologies & Solutions	

Additional Requirements

Major Professor as Advisor

Admitted students are assigned a faculty advisor who will work with the student to assemble a program of study. The advisor will monitor students' progress towards degree completion, including modification of program of study plans, if necessary.

Time Limit

The student must complete all degree requirements within five years of initial enrollment.